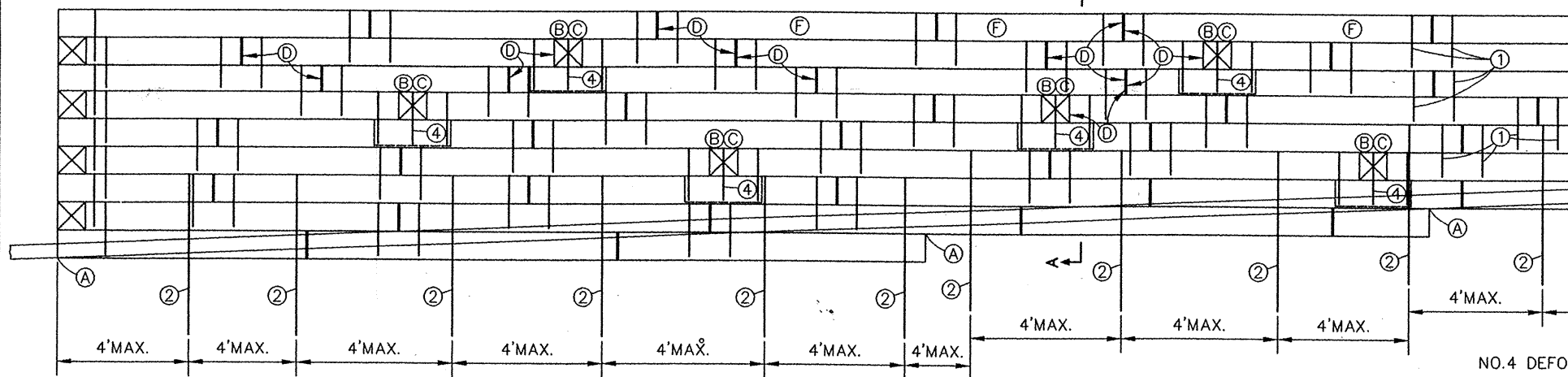


THIS DRAWING DEPICTS A MINIMUM BASIC INSTALLATION. VARIATIONS MAY BE MADE TO FIT VARIABLE CONDITIONS, BUT THE GUIDELINES NOTED BELOW MUST BE FOLLOWED.

- (A) BOTTOM OF FIRST COURSE TIMBERS SHALL BE AT OR BELOW BOTTOM OF WALK ON UNDISTURBED OR COMPACTED GROUND.
- (B) INSTALL TIEBACK WITH DEADMAN EVERY TWO COURSES, AND 16" APART IN THE SAME COURSE. DO NOT INSTALL TIEBACK IN THE TOP COURSE.

- (C) PLACE FIRST TIEBACK TWO TIMBER LENGTHS FROM CORNER (OR END) IN SECOND FULL EXPOSED COURSE. PLACE SECOND TIEBACK ONE TIMBER LENGTH FROM CORNER (OR END) TWO COURSES HIGHER. PLACE THIRD TIEBACK ONE AND ONE-HALF TIMBER LENGTHS FROM CORNER (OR END) TWO COURSES HIGHER. ADDITIONAL TIEBACKS MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.
- (D) JOINTS IN ADJACENT COURSES SHALL BE STAGGERED A MINIMUM OF 24". TIEBACKS SHALL BE NO CLOSER THAN 18" FROM A JOINT IN AN ADJACENT COURSE.

- (E) MINIMUM LENGTH TIMBER SECTIONS SHALL BE 36", AND ONLY WHERE IT CAN BE FULLY SECURED TO ADJACENT TIMBERS, AND NEVER ON TOP COURSE.
- (F) FINISH OFF TOP COURSE WITH FULL LENGTH TIMBERS, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- (G) ALL HOLES THRU TIMBERS REQUIRED FOR REINFORCING RODS SHALL BE DRILLED, AND ONLY LARGE ENOUGH TO ALLOW THE RODS TO BE DRIVEN THRU.



LANDSCAPE TIMBER WALL-ITEM 611

PERMIT IS REQUIRED FROM BUILDING DEPARTMENT WHEN WALL IS THREE FEET OR MORE IN HEIGHT.

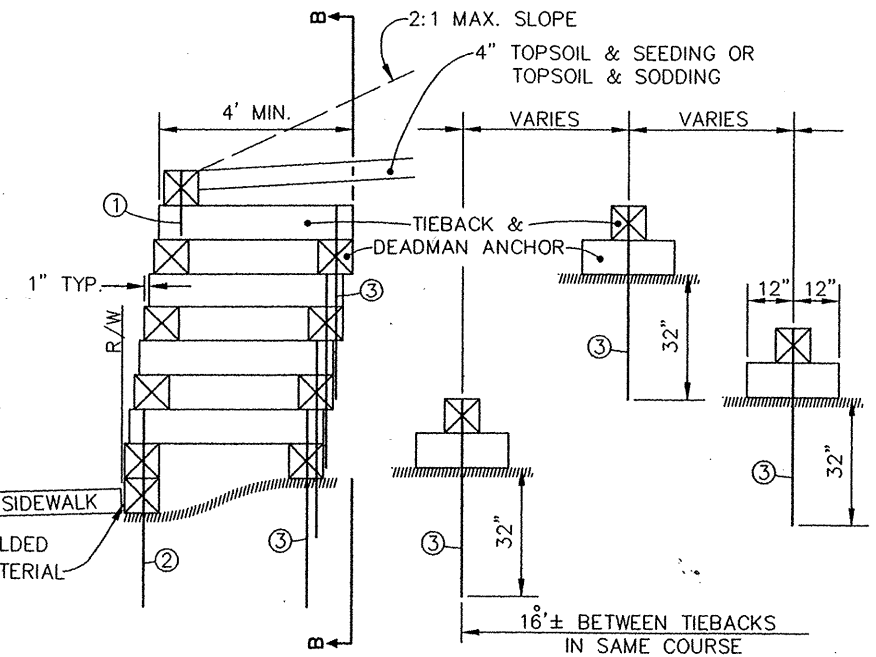
NO.4 DEFORMED REINFORCING RODS

- ① 16"(2 TIMBERS) LONG - 8" FROM END.
- ② 48"(3 TIMBERS+24") LONG AT MAXIMUM 4' INTERVALS AND MINIMUM 2 RODS PER TIMBER.
- ③ 48"(2 TIMBERS+32") LONG THRU TIEBACKS.
- ④ 16"(2 TIMBERS) LONG - INTO TIMBER BELOW.

FRONT FACE SHALL BE BATTERED AS DIRECTED BY THE ENGINEER

CONCRETE SIDEWALK

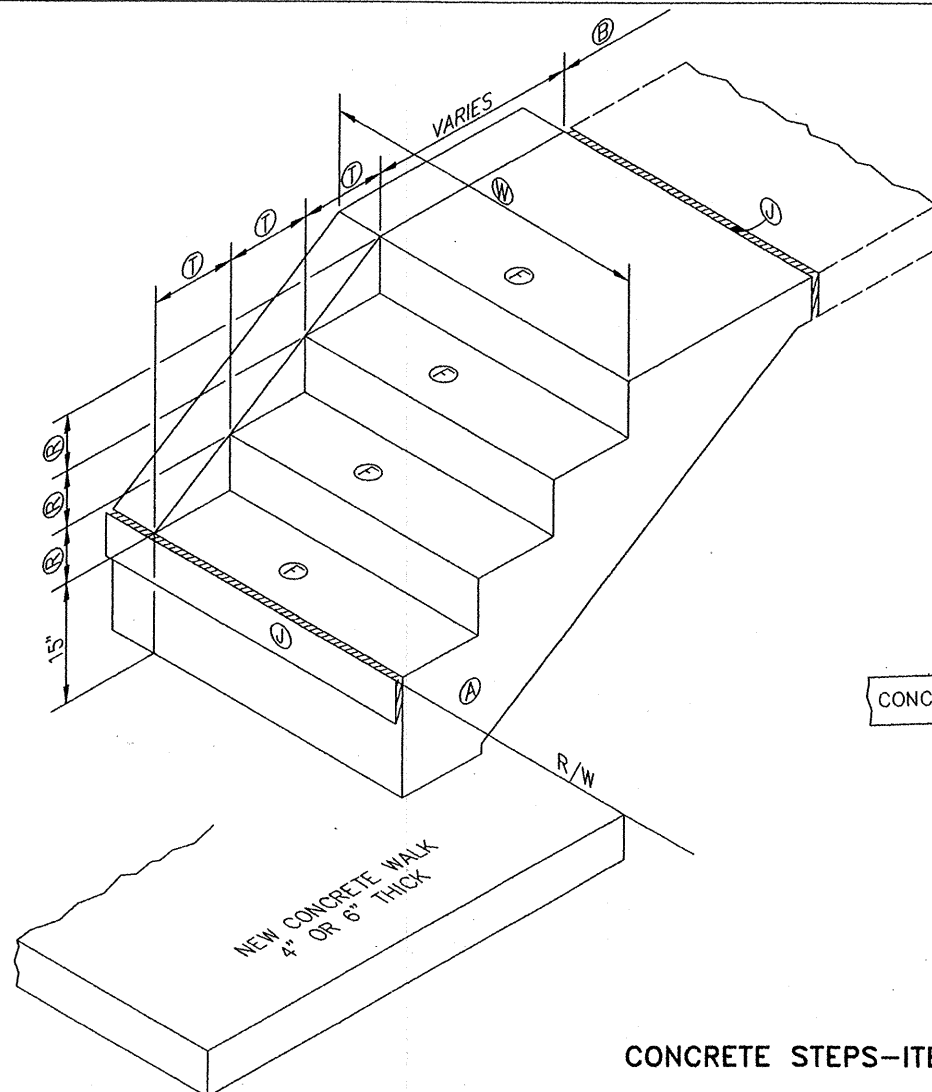
CONCRETE SIDEWALK  
1" PREMOLDED EXPANSION MATERIAL



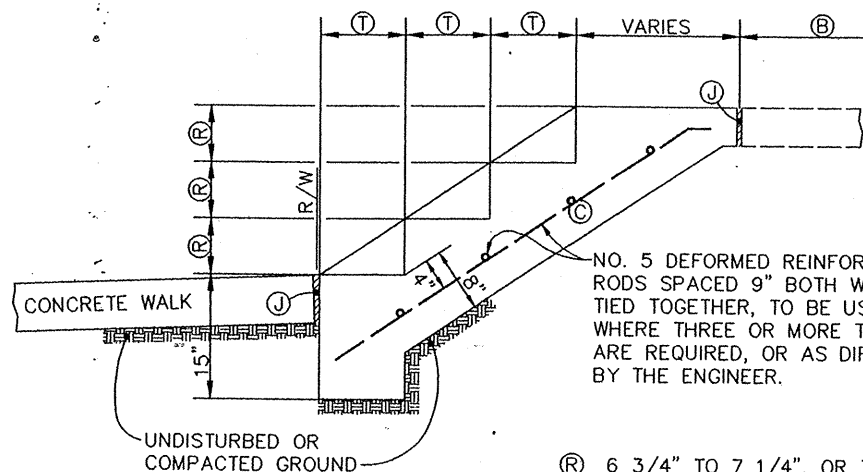
VIEW A-A

VIEW B-B

- (A) BEFORE NEW WALK IS CONSTRUCTED, ALL STEPS INTENDED FOR REMOVAL THAT ENCRATCH INTO THE R/W SHALL BE REMOVED TO ALLOW THE USE OF BACK SIDEWALK FORMS. THE NUMBER & SIZE OF NEW STEPS REQUIRED WILL VARY TO FIT EXISTING CONDITIONS. STEPS RECONSTRUCTED ONLY IN PART SHALL BE RECONSTRUCTED TO CONFORM TO ORIGINAL SIZE & SHAPE OF EXISTING STEPS.
- (B) ANY HOUSEWALK REQUIRED TO BE REPLACED SHALL BE PAID FOR UNDER ITEM 456, CONCRETE HOUSEWALK RECONSTRUCTION.
- (C) MAINTAIN MINIMUM 2" COVER ON ALL REINFORCING RODS.

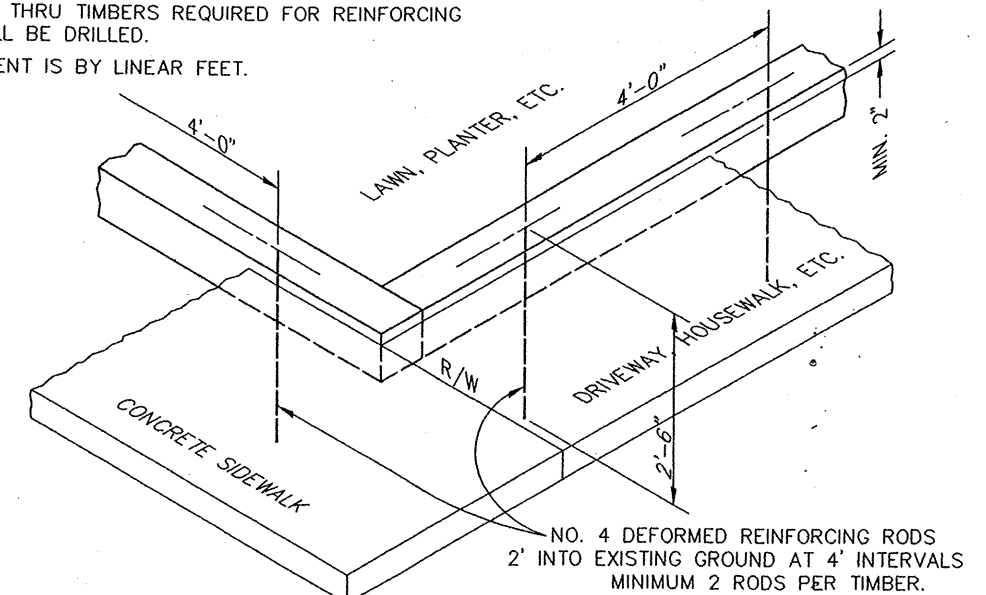


CONCRETE STEPS-ITEM 456



- (R) 6 3/4" TO 7 1/4", OR TO FIT EXISTING.
- (T) 10" MINIMUM, OR TO FIT EXISTING.
- (W) TO MEET EXISTING, OR AS DIRECTED BY THE ENGINEER.
- (F) SLOPE TREADS 1/4" PER FOOT TOWARD SIDEWALK AND FINISH TO PRODUCE A SANDY TEXTURE.
- (J) PREMOLDED EXPANSION JOINT MATERIAL, FULL DEPTH OF THE WALK.

SET TIMBERS ON UNDISTURBED OR COMPACTED GROUND. ALL HOLES THRU TIMBERS REQUIRED FOR REINFORCING RODS SHALL BE DRILLED. MEASUREMENT IS BY LINEAR FEET.



LANDSCAPE TIMBER EDGING-ITEM 612

DO NOT SCALE - USE DIMENSIONS ONLY

CITY OF AKRON BUREAU OF ENGINEERING	CONSTRUCTION STANDARD DWG. No. <b>LA-3</b>
<p><i>David J. Leik</i> 4-21-99 MANAGER, DESIGN DIVISION</p> <p><i>Pawan K. Khailan</i> MANAGER, CONSTRUCTION DIVISION</p> <p><i>David J. Leik</i> 4/21/99 CITY ENGINEER</p>	<p>LANDSCAPE TIMBER WALL LANDSCAPE TIMBER EDGING CONCRETE STEPS</p> <p>AUTOCAD DRAWING - STD_LA-3.DWG REVISIONS: 4-15-99</p> <p>September 23, 1997</p>